```
Asymmetric matrix A[][]*x[]=b[]

Taken from METODOS NUMERICOS LUTHE-OLIVERA-SCHUTZ LIMUSA-MEXICO pp 107
a0[1][1]= 3  a0[1][2]= -4  a0[1][3]= 2.4  a0[1][4]= 2
a0[2][1]= -3  a0[2][2]= 1  a0[2][3]= 4.2  a0[2][4]= -3
a0[3][1]= 2  a0[3][2]= 1.5  a0[3][3]= 1  a0[3][4]= 6.2
a0[4][1]= 4  a0[4][2]= -1  a0[4][3]= -3.4  a0[4][4]= 3

b0[1]= -21.3  b0[2]= -15.4  b0[3]= 1.7  b0[4]= 10.3

x[1]= -1.5  x[2]= 2  x[3]= -4.5  x[4]= 1

ln = 2

MOLANOS METHOD
static condensation Cholesky symmetric sqrt banded matrix C[][]
Initial matrix [C]=(transpose A[])*A[] && bp[]=(transpose A[])*b[]

xmax= 4 ln= 2

 C[1][1]= 38 C[1][2]= -16 C[1][3]= -17 C[1][4]= 39.4
 C[2][2]= 20.25 C[2][3]= -0.5 C[2][4]= -4.7
 C[3][3]= 35.96 C[3][4]= -11.8
 C[4][4]= 60.44


 bp[1]=26.9   bp[2]=62.05   bp[3]=-149.12   bp[4]=45.04

 a1[3][3]= 24.015 a1[3][4]= 12.5641
 a1[4][4]= 9.12753


 b1[3]=-95.5035   b1[4]=-47.4108

 a2[3][3]= 4.90051 a2[3][4]= 2.56383
 a2[4][4]= 1.59822


 b2[3]=-19.4885   b2[4]=1.59823

 XX[3]=-4.5   XX[4]=1   XX[1]=-1.5   XX[2]=2

WONDERFUL CHOLESKY STATIC CONDENSATION ASYMMETRIC MATRIX: MOLANOS METHOD
```